Downloaded from <https://www.velvetjobs.com/job-descriptions/software-quality-engineer>

# Example of Software Quality Engineer Job Description

Our company is growing rapidly and is hiring for a software quality engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for software quality engineer

* Developing, maintaining and implementing processes and procedures for software quality engineering processes
* Preparing, analyzing and presenting information for formal program review
* Planning and conducting audits of software engineering processes
* Participating and supporting Configuration Management activities
* Helping identify non-conformances and development of corrective actions
* Represents the Quality Systems Department on software development teams as the software validation subject matter expert
* Partners with and/or leads business teams and IT to ensure that computerized quality systems are compliant with procedures, FDA Quality System Regulations, 21 CFR Part 11, and GAMP5
* Leads and coordinates multiple software validation projects across the client
* Compiles, maintains, and evolves approved project deliverables
* Communicates project and compliance issues to Quality Systems management and provide solutions to potential risks

## Qualifications for software quality engineer

* Hands-on experience in design & development of test scripts using test automation tools (Selenium, Junit, Protractor preferred) is required
* Solid experience in test-driven development, unit testing, functional testing, system integration testing, regression testing, GUI testing, web service testing, and browser compatibility testing, Continuous Deployment and Continuous Integration technologies
* Experience testing REST web services and application security such as SSO-SAML and OAuth is required
* Proven experience with AWS/ Cloud technologies
* Proven experience of automaton testing and mobile testing
* BS in Computer Science, Systems Engineering, Electrical Engineering, or related Engineering degree